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62,25

IRVINGTON NURSERY.

E. Y. TEAS, Manager.

(Formerly of Dunreith, Ind.)

Price List, Spring of 1893.

Articles securely packed in bales or boxes. No charge, either for packing or delivering to railroad or express. Packages are at the risk of purchaser after shipment.

We will accept orders for 6 plants at 12 rate, 50 at 100 rate, 500 at 1,000 rate.

Terms Cash, or satisfactory security before shipment of stock.—Remit either by Bank Draft, Registered Letter or **Post Office Order on Irvington, Ind.**

Irvington is 4 miles east of Indianapolis, from which point we have unsurpassed facilities for shipping stock by freight or express to all parts of the country. Telegraph and Telephone office near our grounds. Electric street cars from Union Station, Indianapolis, leave for Irvington, without change every 25 minutes, passing in full view of our grounds.

If those who intend to plant largely will send a list of their wants, I will make low prices on the same.

Address, E. Y. TEAS, Irvington, Marion County, Indiana.

	Each	Doz.	100
APPLE.—Three years, first-class, 5 to 7 feet, leading varieties	$ 15	$ 1 50	$ 10 00
" Crab. A good assortment, 5 to 7 feet	25	2 00	

LEADING VARIETIES OF APPLES WITH MANY OTHERS.

Benoni,	Rambo,	King,	White Pippin,
Duchess of Oldenburg,	Wealthy,	Mann,	Willow Twig,
Early Harvest,	Baldwin,	Milam,	Winesap,
Red Astrachan,	Clayton,	Northern Spy,	Yellow Bellflower,
Sweet June,	Grimes' Golden,	Roman Stem,	York Imperial.
Fall Pippin,	Indiana Favorite,	Smith Cider,	
Maiden's Blush,	Jonathan,	Stark,	

	Each	Doz.	100
PEAR.—Standard 2 and 3 years, 5 to 7 feet, leading varieties	$ 50	$ 5 00	
" " 2 " 3 " 4 to 5 " " "	35	3 50	
" " **Garber's Hybrid.**—3 years, 6 to 7 feet, strong	50	5 00	
" " " " 2 " 4 to 5 feet	25	2 50	
" " Idaho, 2 years, 4 to 5 feet	75		
" " " 2 years, 3 feet	35		
" " Warner, 3 years, 4 to 6 feet	50		
" Dwarf, 2 and 3 years, 3 to 4 feet	35	3 50	

VARIETIES OF PEARS.

Bartlett,	Clapp's Favorite,	Howell,	Osband's Summer,
Bell Lucrative,	Duchess d'Angouleme,	Kieffer,	Seckle,
Beurre d'Anjou,	Doyene d'Ete,	Lawrence,	Sheldon,
Buffam,	Flemish Beauty,	Louise Bonne de Jersey,	Vicar, with many other sorts.

	Each	Doz.	100
CHERRY.—Early Richmond and other sour sorts, 2 years, 4 to 5 feet	$ 35	$3 50	
PLUM.—European varieties, 4 to 6 feet	35	3 50	
" American " 4 to 6 feet, Wild Goose, Robinson, Marianna, Pottawattomie, Hawkeye, Wolf, etc.,	35	3 50	
" Oriental sorts, 4 to 5 feet, branched, Abundance, Burbank, Ogon, Kelsey, Simoni, Pissardi, etc.,	35	3 50	
PEACH.—4 to 5 feet, leading varieties	15	1 50	
" Tong-Pa, hardy Chinese variety, 3½ to 5 feet	25	2 50	
" " " " " second size	10	1 00	
QUINCE.—Orange, 2 and 3 years, 3 to 5 feet, stocky	40	4 00	
" " 2 years, 2 feet, branched	20	2 00	
DWARF SERVICE.—Mammoth, 2 feet, transplanted	25	2 50	

GRAPE VINES.

	Each	Doz.	100
Brighton, 2 years, No. 1	$ 20	$ 2 00	$ 10 00
Concord, 2 " "	15	1 50	8 00
Delaware 2 " "	20	2 00	
Ives Seedling, 1 " "	15	1 50	
Martha, 2 " "	20	2 00	
Moore's Early 2 years No. 1	$ 20	$ 2 00	$ 12 00
Niagara 2 " "	20	2 00	10 00
Pocklington 2 " "	20	2 00	
Salem 2 " "	15	1 50	
Vergennes 2 " "	20	2 00	
Worden 2 " "	15	1 50	8 00

	Each	Doz.	100
GOOSEBERRIES.—Houghton, 2 years, strong	10	1 00	5 00
" Early Orange, a valuable variety	20		
" Mountain Seedling, 2 years	15		
CURRANTS.—Cherry, 2 years	15	1 50	
" Fay's Prolific, 2 years	20		
" Champion, 2 years	25		
" Lee's Prolific, extra heavy	20	2 00	
" " " 1 year, strong	10	1 00	
" Crandall, 2 years, 3 feet	20	2 00	
BLACKBERRIES.—Snyder, selected sucker plants	5	50	$ 2 00
" Erie, fine, from root cuttings	10	1 00	4 00
" Ohmer, new, " "	20	2 00	
We have fruited this variety 4 years, and consider it the best in cultivation.			
DEWBERRIES.—Lucretia, 2 year plants, well rooted	5	50	2 00
RASPBERRIES.—*TIP VARIETIES.—Blackcap Class.*			
" Gregg	5	50	1 50
" Hilborn, from Canada, promising	5	50	
" Kansas, new, very promising	10	1 00	5 00
" Muskingum, new, most hardy red raspberry rooting from tips	10	1 00	
" Nemaha, large, late, hardy, good	10	75	
" Palmer, new, promising	10	1 00	
" Shaffer's Colossal	5	50	
RASPBERRIES.—*RED VARIETIES*—Sucker plants:			
" Cuthbert, well known, a standard sort	5	50	1 00
" Golden Queen, extra fine, hardy, productive, excellent	5	50	1 25
" Turner	5	50	1 00
" Thompson's Early Prolific	10	1 00	

STRAWBERRIES.

Prices for plants nicely straightened and tied in bundles of 25.

	Doz.	100	1000
Beder Wood, good fertilizer, one of the best, extra early	$ 50	$ 2 00	$ 10 00
Bubach No. 5	25	75	5 00
Crescent	25	75	4 00
Cumberland	25	75	4 00
Edgar Queen, new, very promising	50	2 00	15 00
Eureka	35	1 00	
Haverland	$ 25	$ 75	$ 5 00
Jessie	25	75	4 00
Michel's Early	35	75	4 00
Mount Vernon	25	75	
Parker Earle	50	2 00	
Sharpless	25	75	4 00
Warfield	25	75	4 00

	Each	Doz.	100
RHUBARB.—Egyptian Queen, extra large and good; crowns	$ 15	$ 1 00	$
" Linnæus, crowns	10	1 00	5 00
" Stott's Monarch, a new English variety of mammoth size, excellent	15	1 50	
ASPARAGUS.—Conover's Colossal, 1 year		25	1 00
" Barr's Mammoth, new, 1 year		50	1 50
" Palmetto, new, large, extra, 1 year		50	1 50
" Moore's Cross-bred, 2 years		50	

DECIDUOUS TREES.

CATALPA SPECIOSA. Transplanted, 8 to 10 feet	$ 50	$ 5 00	$
" " " 5 to 7 feet	25	2 00	
" " " 1 year seedlings		25	1 00
" Bungeii, or Umbrella (dwarf), 1½ to 2 feet, bushy, round headed tree	25	2 50	
" Kempferi, 3 to 5 feet, transplanted	20		
" " Seedlings		25	1 50
" Teas' Japanese Hybrid, 1½ to 2½ feet, transplanted	10	1 00	
" " " " Seedlings		25	2 00
" Purple Leaved, one of the best trees, with large purple leaves, 5 to 7 feet	50	5 00	
" Purple Leaved, 3 to 4 feet	25	2 50	
" Golden Leaved, 4 to 6 feet	50		
" Silver Leaved, (Argentea Reticulata) foliage silver white with green veins, 2 to 3 ft.	50	5 00	
" Silver Leaved, 10 to 15 inches	25		
JAPAN TREE LILAC—(Syringa Japonica) 2 to 3 feet	1 00		
" " " " " 1½ "	50		
MULBERRY.—Russian, 3 to 5 feet, transplanted	20	2 00	
" " 2 to 3 feet, transplanted	10	1 00	5 00
" **Teas' Weeping.**—5 to 6 feet, 3 year heads, fine	2 00		
" " " 4 to 5 feet, 3 year heads	1 50		
" " " 2 years, own roots, 3 to 4 feet	75		
MAPLE SUGAR, or Rock—Fine Seedlings, 10 to 18 inches		25	1 50
" " " Silver or Soft, 12 to 15 feet, 1½ inches in diameter, nursery grown, fine	75	8 00	

	Each	Doz	100
POPLAR BOLLEANA.—12 to 15 feet, very fine	$ 75	$ 8 00	
" " 8 to 10 feet, very fine	50	5 00	
" " 4 to 6 feet, "	25	2 50	
" **CAROLINA.**—(P. Monolifera.) One of the most desirable and useful trees for street and avenue planting where quick growth and handsome form is desired. Not sufficiently known in the North and West.			
" " 12 to 15 feet, 1¾ to 2 inches in diameter, with well formed heads	1 00	9 00	
" " 10 to 12 feet, 1¼ to 1½ inches in diameter, " " "	75	8 00	
" " 8 to 10 feet, 1 to 1¼ inches in diameter, " " "	50	5 00	
" **LOMBARDY.**—8 to 10 feet, with heads	50	5 00	
" **VOLGA**—(Russian Lombardy.) Perfectly hardy in Central Minnesota, superior to Lombardy Poplar.			
" " 8 to 10 feet, stocky	50		
" " 3 to 4 feet, 1 year	20	2 00	
STRAWBERRY TREE.—Euonymus—Red fruited)—3 to 4 feet, transplanted	35		

ORNAMENTAL SHRUBS.

Althea.—Double, fine named kinds, 1½ to 2½ feet	$ 25	$ 2 50	
" Seedlings, 2 feet, fine	10	1 00	
Calycanthus.—2 to 3 feet, heavy and fine	35	3 00	
Clethra Alnifolia.—1 foot, transplanted, blooming size	25	2 50	
Deutzia Candidissima.—Double, pure white, 3 to 4 feet	15	1 50	
" Pride of Rochester, double, pure white, 3 to 4 feet	15	1 50	
" Gracillis, 1 to 1½ feet	15		
" Watereri, new, fine, 12 to 15 inches	15		
" Wellsii, new, fine, 12 to 15 inches	15		
Hydrangea Paniculata Grandiflora.—2 feet, strong	25	2 50	
Japan Quince.—Twice transplanted, 1½ to 2 feet	15		
Philadelphus.—Three choice Double varieties, named, 2½ to 3 feet	25		
Privet.—(Common), 3 to 4 feet, transplanted	10	1 00	
" (Ovalifolium), 2 feet, bushy	10	1 00	
Spirea Callosa Alba.—Very dwarf, white flowering, 1 foot	15		
" " **Superba.**—White flowering, 2 feet	15		
" **Bumalda.**—New. everflowering, pink, extra fine, 1½ feet	15	1 50	
" **Van Houttei.**—The hardiest and finest Spirea, 3 to 4 feet, bushy	20	2 00	
Weigela.—Five fine sorts, named, 2 feet	15	1 50	

CLIMBING SHRUBS.

Ampelopsis Veitchii.—(Boston Ivy), 3 feet, pot plants	$ 15	$ 1 50	
" " " " 1 to 2 feet, pots or open ground	10	1 00	
Aristolochia, Dutchmans' Pipe Vine, 2 years, transplanted, 1 to 1½ feet	25		
Bignonia Radicans, (Trumpet Flower), 2 to 4 feet, transplanted	10	1 00	
Clematis Jackmani, and other large flowering sorts, 2 years, strong	50	4 50	
" **Viticella,** Blue Bells, 3 years	15	1 50	
" **Virginiana,** transplanted	15		
Cinnamon Vine.—(Dioscorea), 2 years, a fine vine with hardy perennial root	10	1 00	
Hardy Day-blooming Moon-flower.—(Ipomea Pandurata) a perenial tuberous plant hardy in Minnesota and Canada, a rapid growing, profuse flowering vine, climbing from 20 to 30 feet each season, blooming freely from June until frost	15	1 50	
Honeysuckle Belgic, or Monthly Fragrant, transplanted	15	1 50	
" Hallieana, 2 years	15		
Wistaria.—American, 2 years, strong	25		
" Magnifica, 2 years, transplanted, 1 foot	15	1 50	
" " 3 to 4 years, transplanted, 3 to 6 feet	50		

HARDY HERBACEOUS PLANTS, BULBS AND TUBERS.

Achillea.—"The Pearl," from pots	$ 10	$ 1 00	
Asclepins Tuberosa.—1 year seedlings, nursery grown	15		
Arundo Donax Variegata.—4 inch pots	35		
Coreopsis Lanceolata.—2 inch pots. Perpetual summer bloomer	10	1 00	
Delphinum—Twenty-five named sorts	20	2 00	
Dielytra Spectabilis, (Bleeding Heart)	15	1 50	
Erianthus Ravenna	15		
Eulalia Japonica Variegata	15		
" **Gracillima.**—Pots	15	1 50	
Funkia Cerulea Grandiflora	25		
Helianthus.—Soliel de Or, new, pots	15	1 50	
" Multiflora Plena, pots	10	1 00	
Hyacinthus Candicans.—2 and 3 years, strong	10	1 00	
Hemerocallis.—Distichia, large double flowers, strong plants	15	1 50	
" Flava, Yellow Day Lily, very fragrant flowers	20	2 00	
" Seiboldi, similar to Flava, in bloom much longer	25		
Iris Kempferi.—Twelve fine named sorts	20	2 00	
" " Fine mixed, from named sorts	10	1 00	
Lily Auratum—Flowering Bulbs	20	2 00	
" Aurantiacum, early flowering, dark orange	15		
" Fulgens "Elegans," dark orange crimson, very showy	15	1 50	
" Monstrosum Album. Very large, pure white, fragrant	25		
" Roseum, white, nearly covered with rose-colored spots	20		
" Double Tiger, a showy Japanese lily	15	1 50	
Montbretia.—Bouquet Parfait, large, silvery yellow, upper part salmon	10		
" Crocosmiflora, scarlet, free flowering	10		
" Elegans, rosy scarlet, fine	10		
" Etoile de Feu, very large flower, vermilion, yellow center	10	1 00	
" Gerb d'Or, dwarf, entire flower lemon yellow, distinct	10	1 00	
" Grandiflora, very large scarlet flowers on strong stalks	15		

	Each	Doz.	100
Peonia.—Herbaceous, in 25 choice named kinds	$ 25	$ 2 50	$
" " in 100 choice named kinds, 1 each			25 00
" " fine mixed sorts	15	1 50	
Spirea Lobata.—(Queen of the meadow), 2 years, transplanted	20	2 00	
Yucca Filamentosa.—1 year seedlings	10	1 00	

TENDER FLOWERING BULBS AND PLANTS.

Amaryllis Formosissima, strong	$ 20	$ 2 00	$
" Johnsoni, fine bulbs	35		
" **Vallota Purpurea,** 3 inch pots	15		
Amorphophalus Rivieri, good bulbs	25 to 50 cents each		
Canna Childsii.—Tiger Canna, beautiful yellow, spotted crimson	20		
" Commandant Rivier, large crimson flowers	25		
" Brenningsii, plant dwarf, foliage distinctly striped creamy white	15		
" Edward Andre, dark foliage, large scarlet flowers	15		
" Ehemanii, large, deep crimson flowers, banana-like foliage	20		
" Emile Leclerc, flowers golden yellow, spottled scarlet	10		
" Francis Morrell, large crimson flowers, dwarf plant	15		
" Louis Thibaut, dwarf plant, green foliage, carmine flowers	15		
" **Mad. Crozy,** finest of all flowering Cannas	35		
" Noutoni, "Giant Cardinal Flower," rich crimson scarlet	20		
" Ornament des Grande Ronde, fine, dark foliage, crimson flowers	15		
" **Star of '91,** one of the finest	30		
" Autoine Crozy	25		
" Alphonse Bonvier	75		
" Flaccida	20		
" H. A. Dreer	25		
" J. D. Cabos	40		
" Miss Sarah Hill	40		
" Mrs. Cleveland	25		
" Perfection	20		
" Fine mixed, from named sorts, dark foliage	10	1 00	
Cooperia Pendunculata, white flowering, fragrance of Tuberose, strong	15	1 50	
Caladium Esculentum.—4 to 6 inches in circumference	25	2 50	
" " 3 to 4 inches in "	15	1 50	
Coburgia Incarnatum.—3 to 4 inches in "	25		
Dahlias.—Unnamed sorts	5	50	
Gladiolus, Snow White.—New, best white	20	2 00	
" Fifty fine named kinds	10	1 00	6 00
" Very fine, mixed, all colors, including some of Lemoine's	5	50	3 00
" Lemoine's Hybrids, in 20 fine named kinds, second size, blooming bulbs	10	1 00	6 00
" Dracocephalus	15		
" Sandersoni, very fine, scarlet	25	2 50	
" Purpurea Auratus	5	50	
Ismene—(Hymenocallis), Calathina, White Amaryllis	25		
" " Undulata, strong	10	1 00	
Madeira Vine—(Boussingaultia)	5	50	
Oxalis Eryphilla Alba and Lasiandra		25	1 50
" **Deppei and Eryphilla Purpurea**		25	1 50
Pancratium—(Spider Lily)	15	1 50	
Tigridia Conchiflora	5	50	
" **Pavonia**	10	1 00	
Tritoma Uvaria—1 year, grown	15	1 25	
" " Grandiflora, 1 year	20	2 00	
Tuberose—Double Pearl, blooming bulbs	5	50	
" Variegated Leaved, blooming bulbs	15	1 50	
Water Hyacinth. New, very showy in summer	20	2 00	

Agave Americana, 3 to 5 inch pots, 5 to 10 leaves, 15 to 25 cents each.
" " Variegated, 3 to 5 inch pots, 5 to 10 leaves, 25 to 50 cents each.
" " " Large plants, 10 to 20 leaves, $2 00 to $5 00 each.
Cereus Grandiflora, 1 to 3 feet, 25 cents per foot each.
Cereus Colubrinus, 1 to 3 feet, 25 cents per foot.
Phyllocus Latifrons, 8 to 12 inches, 25 cents each.
Sanseveria Zealanica, 3 inch pots, 20 cents each.
Stapelia Variegata, 3 inch pots, 15 cents each.

KIEFFER'S HYBRID PEAR.

After about sixteen years trial in all parts of the United States, Kieffer's Hybrid is becoming recognized as one of the most profitable pears ever grown. The tree is a very thrifty grower, of handsome form, with large glossy leaves. It comes into bearing soon after planting in the orchard, and produces annually heavy crops of large, showy, fruit. There are few pears more attractive in appearance than Kieffer, and none that sell better in market. The quality is fair to good, excellent, if properly ripened. If picked early, it may be shipped to any American market, by freight, and arrive in good condition. For canning, preserving or jelly making, there is scarcely any fruit equal to this. A Kieffer pear orchard, after coming into bearing, will bring at the cannery $500 per acre or more, each fruit year, owing to the demand at the canneries for this fruit. Trees are in good request. One hundred and ten trees are required to plant an acre. I am prepared to make very low prices for good 2 year old trees of Kieffer's Hybrid, to those who wish to plant largely. Prices on application.

GARBER'S HYBRID PEAR.

This fine pear was raised from seed of the Chinese Sand Pear about eighteen years ago by Dr. J. B. Garber, of Pennsylvania. The tree, as I have grown it for the past twelve years, is the thriftiest grower I have ever seen. uearly as upright as a Lombardy Poplar, with large, dark green, glossy foliage. The tree is less injured by our cold winters than any other variety I have ever grown. The fruit is larger than Bartlett or Kieffer, and certainly one of the most valuable. Samuel Miller, of Missouri, says of Garber's Hybrid: "Immensely productive; bears at three years from the nursery. On a branch an inch thick I counted 23 pears on 25 inches of the limb, and they averaged half a pound each: it took just 80 of them to make a *heaped* bushel. Yellow as an orange, larger than Kieffer, better in quality, and four weeks earlier. If there is any tree of the pear family free from blight, I think this is it. When I saw the original tree, in 1881, it was one mass of fruit. Grows upright, like the Lombardy Poplar, with heavy, dark green glittering foliage. Well worth planting on a lawn for beauty alone, if it bore neither flower nor fruit." A year later: "The Garber again has a fine crop of handsome pears. The tree is a perfect beauty, has never shown a sign of blight, and is the most rapid grower on my place." Two years later: "Garber deserves extensive trial. It seems to be free from blight, for Le Conte, budded on to it, has succumbed to the blight and been sawed off, while the main Garber tree has not a sign of the disease." Still later: "Garber will soon come to the front, on account of large size and good quality, as well as excellence for canning and preserving. My Garbers sold for $4 per bushel, while others only brought $2."

Hon. E. A. Riehl, ex-President Illinois State Horticultural Society, writes: "I consider Bartlett, Howell, Garber's Hybrid, and perhaps Kieffer, the most profitable pears for market purposes. Garber's Hybrid is the best and handsomest of its class. It is earlier than Kieffer, better quality, and makes the best canned fruit or preserves of any pear I know. Tree bears young and abundantly, and has shown no blight so far. The ironclad *hardiness* of the tree is another great point." For prices see 1st page.

TONG-PA PEACH.

A native of Northern China, and possessing extreme hardiness of tree and fruit-bud. The tree is about as hardy as Ben Davis Apple. The buds start later in spring than many other varieties, and the bloom is more likely to escape injury from late spring frosts. This variety, a genuine Chinese sort, has now been tested in quite a number of localities, and the CLAIM OF EXTRAORDINARY HARDINESS has, I believe, *never been denied*.

M. J. Graham, an extensive nurseryman and orchardist of Dallas Co., Iowa, writes me, under date of March 15, 1890: "I obtained my stock of Tong-Pa Peach of you in 1885, and it has proved *quite hardy*, one and two year trees enduring 35° below zero without injury. Three trees produced a fair crop of fruit after being exposed to 20° below zero." Mr. Graham's trees produced a good crop of peaches when peaches so generally failed, two years ago.

A. H. Griesa, of Kansas, writes me: "My Tong-Pa Peaches produced such fine fruit that I think I shall plant in orchard all the trees I have." The fruit of Tong-Pa is full medium size, white, with a beautiful red cheek, free stone, excellent quality, season early September.

CHINESE PEACH NO. 12. is another variety from Northern China, and equally as hardy as Tong-Pa. The tree is rather dwarf in growth, with greenish yellow bark, snow-white bloom, and clear white fruit. The fruit is medium size, rather oblong, free stone, fine quality. Season rather late. There can be no question but these Chinese Peaches will survive extreme cold and produce fruit in localities where ordinary peach trees fail to be profitable. Price, 25 cents each; $2.50 per doz.

DWARF SERVICE.

Dwarf Service, or Dwarf Juneberry, somewhat resembles the Huckleberry, only it flourishes in all soils, and under all conditions, being found in a native state from North Carolina to Alaska. The plant attaining the size of a currant or gooseberry bush, bears every year great crops of fruits. The berries are often half an inch in diameter, purplish black when ripe, of a mild, rich, subacid flavor, excellent for dessert or for canning. Owing to the absolute hardiness of the bush, and its freedom from disease, this is now being considerably planted for fruit instead of the currant. The variety we grow was selected on account of the size and excellence of the fruit.

NEW RASPBERRIES.

For prices, see 2d page.

Kansas.—A new blackcap from Kansas, of excellent promise and undoubted value. Canes are vigorous, with very large, tough foliage, which remains green and healthy till frost. The berries are as large or larger than Gregg, jet black, firm, excellent. Season one of the earliest. Worthy of extensive trial.

Nemaha.—A Nebraska seedling that has given very general satisfaction in all localities. The plant is a very good grower, and one of the hardiest. Berries fully as large as Gregg, and of excellent quality. Quite late.

GOLDEN QUEEN.

Golden Queen, the best yellow raspberry yet introduced. Of large size, great beauty, high quality, hardy and wonderfully productive. It is a beautiful amber color, and unusually firm. Its beauty, size and fine quality render this indispensable for table use.

WINEBERRY.

Child's Japanese Wineberry.—The raspberry of the Japanese gardens. A curious novelty, both as an ornamental plant and for the refreshing, subacid quality of the fruit. Each berry is at first tightly enveloped by the large calyx, forming a sort of burr, resembling a moss rose-bud. When the fruit ripens, these open and turn back, exposing the fruit in all its beauty. The berries are of medium size, of good quality. For jelly making it is without an equal, surpassing the currant, quince or crab apple. Tip plants 20 cents each, $2 per dozen.

Ornamental Trees and Plants.

CATALPA, AUREA.—The Golden-Leaved Catalpa.—Is a variety with beautiful golden-yellow foliage and handsome flowers. The foliage is at all times distinct, novel and handsome, contrasting finely with that of surrounding trees. See price list.

PURPLE-LEAVED CATALPA is a vigorous and upright grower. The young leaves, from May till October, are of an intensely brilliant blackish purple, with a distinct and peculiar metallic lustre, not seen in the foliage of any other tree that I am acquainted with. As the leaves mature the lustre gradually fades away, but the foliage remains dark during the season. The flowers are bright yellow, surrounded with a delicate white fringe, and some purple spots about the throat.

SILVER-LEAVED CATALPA.—(Reticulata Argentea.) Foliage silver-white, with green veins. A very large and curiously marked leaf, distinctly white at a distance. Retains its color well during the entire season. Will be greatly admired when known. For price see second page.

Japanese Tree Lilac.—(Syringa Japonica). A tree recently introduced from Northern Japan, of unusual merit and beauty. "Its grand foliage of glossy green, its upright and vigorous growth, without suckers at the root, and finally its curious spikes, often two feet in length, of snowy white, slightly fragrant flowers, all combine to make this a tree to be noted and remembered." For price see second page.

Hydrangea Paniculata Grandiflora.—This is probably the most popular, hardy flowering shrub at the present time. The plant is a very free grower, with handsome, light green foliage. The end of each branch is crowned with an immense head of bloom, cream color in bud, pure white when fully expanded, changing to pink and bronze, with age, and finally to brown when injured by frost. The plant attains from 4 to 6 feet in height. It is admirably adapted for cemetery planting. Price, 25 cents each; $2.50 per dozen.

New Hydrangea, "Red Branched."—(Ramulis Coccinneus). A sterling novelty recently introduced from Japan. The plant is of robust habit, with red-colored branches. It is a very free bloomer, producing large and magnificently formed trusses of deep rose-colored flowers from every shoot. The best variety for culture in pots or tubs. It is probably not quite hardy in this latitude. Price 20c. each.

Spiræa Van Houttei. This is handsomest of all spiræas, and one of the very best hardy-flowering shrubs in cultivation. It is hardy in Iowa and Minnesota. Although not entirely new, it is almost unknown in America. The plant is a rather tall upright grower, with long, slender, rather pendulous branches, which droop gracefully with their weight of foliage and flowers. The foliage is curiously lobed,—often palmate, of a lively dark green color. The flowers are pure white, in large umbels, which cluster closely together, forming great cylindrical plumes two feet long. Plants four feet high and six feet across, when in full bloom, form "a perfect snow-bank of white bloom." I do not know a shrub combining more excellencies than this. Spiræa Van Houttei forces for winter bloom as well or better than the well known Deutzia Gracillis. Even small plants in 2 or 3 inch pots furnish a few nice umbels of bloom. For cemetery use, or for an ornamental hedge, I do not know another shrub possessing the good qualities of Spiræa Van Houttei.

Arundo Donax Variegata.—Is a splendid Bamboo-like Reed, attaining in rich soil, ten or twelve feet high. The foliage is beautifully striped white, yellow and green, with an occasional pink shade. A very beautiful and stately plant.

ACHILLEA "THE PEARL."—A hardy perennial plant of easiest culture, forming a mass of green 18 inches high, with an equal diameter. The flowers are pure white, and perfectly double, resembling Double Feverfew. They are produced in the greatest profusion the entire summer. As a summer cut flower this is scarcely equalled by any other. The flowers retain their shape a long time. 10c. each; $1.00 per doz. by mail.

COREOPSIS LANCEOLATA.—A hardy border plant, growing 15 to 20 inches high, producing its bright golden yellow flowers in great profusion the entire summer. It makes a handsome vase flower when cut, and should be grown in quantity where ever flowers are wanted for table decoration, as it is always available. The root lives from year to year. 10c. each; $1.00 per doz. by mail.

CLEMATIS PANICULATA.—A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardihood, serve to make this one of the very choicest of recent introductions, and indispensable to every private place. Price 75c. each.

Eulalia Gracillima.—This new Eulalia is one of the most handsome of the ornamental grasses. It has very narrow, green leaves with a silvery white mid-rib, giving foliage of exceeding grace and beauty. Its delicate Pampas-like plumes are produced very freely, making this a useful pot plant for decorations, as well as desirable for large vases, and permanent planting on the lawn.

Eulalia Japonica Zebrina.—(Zebra Grass.) Unlike all other variegated plants, this has its stripes across the leaves instead of longitudinally, bright yellow stripes across the dark green of the leaves, very distinct. 20c.

Eulalia Japonica Variegata.—Leaves striped white and green, lengthwise. The flower spikes of all the Eulalias are beautiful in the latter part of the season, and valuable for parlor ornaments.

Hardy Japanese Iris Kœmpferi.—"This beautiful genus of plants obtained its name 'Iris,' which is the Greek name for the rainbow, from the ancients, as the most appropriate because of the varied hues and tints

of the flowers. It is difficult to convey an idea of the beauty of form and wonderful coloring of this grand species." They are thoroughly hardy. Intense cold or severe drouth has little effect on them. The flowers are truly magnificent, being from five to eight inches in diameter, resembling somewhat, in shape a Clematis, varying in shades of white, maroon, deep blue, yellow, carmine and volet, beautifully veined and mottled, some of the varieties rivaling fine exotic Orchids in beauty of marking. The plants bloom during June and July. I offer 12 fine named colors,—all distinct, from Double White to Black Prince, the largest double dark purple in color. Besides the named sorts, our fine mixed colors contain about all the named sorts, as well as others. For prices see 3d page.

CANNA MADAM CROZY.—Undoubtly the grandest variety ever grown. The flowers are far larger than any other, being four or five inches in diameter, unusually full and well formed. The color is a brilliant vermilion scarlet, bordered deep golden yellow; the flowers are borne in immense clusters, each cluster like a large bouquet, and in such profusion that they crown the plant with a blaze of glowing color. The foliage is vivid green, broad and massive. The plant attains a height of three or four feet, but the flowers form when it is little more than a foot high, and continue coming until frost. This blooms freely in pots also. Price of good plants, 35c. each.

CANNA STAR OF 1891.—A very dwarf Canna that appeared last year; originated at Richmond, Va. It is a wonderfully free bloomer; some claim that it will show bloom every day in the year. The flowers are borne in great compact panicles eight by twelve inches. Color intense fiery scarlet rayed and bordered with golden yellow. As a pot plant for blooming both summer and winter, this Canna is a novelty of great value. The enormous panicles of flowers are borne continually even on small pot plants. It is especially suited for culture in the house. Price, 30c. each.

WATER HYACINTH.—One of the most curious and interesting plants in cultivation. Instead of growing in soil, it floats on the water, which it is enabled to do, by means of its curiously inflated leaf stalks which resemble bladders filled with air. A large mass of feathery *blue* roots grow downward, their ends entering the soil below. It form a rosette of its curious shining green leaves, and throws up spikes of the most exquisite flowers, resembling in form a spike of Hyacinth flower, but as beautiful as some of the most expensive Orchids. Each flower is as large as a silver dollar; color a beautiful soft lilac rose, sparkling as if covered with diamond dust. The upper petal which is the largest, has a metallic blue blotch in the center, and in the center of this a small yellow spot. Can be grown in the open air in summer, and in the window in winter. Price, 20 cts. each.

LEMOINE'S HYDRID GLADIOLUS. "Butterfly Gladiolus."

This brilliant and remarkable class of Gladioli was originated by Mr. Victor Lemoine, of France, and for convenience and expressiveness are styled "Lemoine's Hybrids." "For vivid and rich orchid like coloring, they have no equal. Emblazoned with the most intense, burning, and inexpressably rich shades, they are truly wonderful. In the blotch, which is a remarkable and typical feature, the coloring reaches the climax."

The following list embraces the best of Lemoine's Hybrid Gladiolus:

Admiral Courbet.—Flowers very open, fiery scarlet, with velvety flame blotch. 20c.

Admiral Pierre.—Large flowers, deep carmine lake, the lower divisions blotched with maroon, bordered sulphur. 15c. each.

Andre Cheniere.—Salmon, velvety black blotches, bordered chrome yellow. 20c. each.

Altas.—Clear violet, with very large maroon spots. 30c.

C. Heineman.—English red, lower petals bright crimson, edged velvety and gold. 25c. each.

Christopher Columbus.—Medium size, salmon orange, lower division splashed deep purple, speckled golden; dwarfish plant. 20c. each.

Charles Martel.—One of the largest; pale rose, tinted lilac, lower divisions marked by black stripes. 30c.

Cleopatra.—Medium, deep salmon, lower divisions spotted red and purple, surrounded by pale yellow. 20c. each.

De Humboldt.—Beautiful spike, flowers very open, rosy tint, pale sulphur, blotched with rich maroon. 50c.

Eugene Lequin.—Beautiful bright yellow flowers, of fine form. 50c.

E. V. Hallock.—Large, well formed flowers, yellowish white, large crimson blotches, bordered gold. 50c.

Emile Lemoine.—Brilliant vermilion spotted gold, maroon blotch, one of the finest dark varieties. 15c. each.

Enfant de Nancy.—Purplish red, lower petals deep crimson, very distinct and fine. 15c. each.

Etendard.—Rosy orange, red blotch surrounded by dark yellow. 25c. each.

Etoile.—Dark yellow, shading to bright golden, carmine blotch. 25c. each.

Ferdinand de Lesseps.—Light lilac, yellow spot in centre of large violet blotch. 25c. each.

Froebeli.—Flesh-colored, streaked pink, carmine blotch, bordered yellow. 15c. each.

Gambetta.—Deep purple, streaked crimson, violet throat, one of the finest dark ones. 30c. each.

Gilbert.—Lilac rose, clear, blood-red blotch on sulphur ground. 50c. each.

Incendiary.—Large brilliant vermilion, bright rose throat. The lower division entirely scarlet purple. 25c.

John Thorpe.—Beautiful brilliant red, blotched with flame, bordered with sulphur. 25c. each.

Lamartine.—Large, rosy flesh color, bright maroon blotch on lower petals. 25c. each.

Lafayette.—Very large yellowish-salmon, large crimson blotches on lower petals, worthy of its name 25c. each.

La France.—Light salmon, velvety purple blotch on yellow ground. 25c. each.

Lemoinei.—Fine flowers, closely set on spike, upper petals creamy white, lower parts spotted purplish crimson, bordered yellow and salmon. 20c. each.

Marie Lemoine.—Long spike, large flowers, upper divisions pale cream, lower spotted purplish violet. 20c.

Masque de Fer.—Bronze red, lower divisions velvety black, with yellow arrow in center. 25c. each.

M. Charles Henry.—Bright Poppy color, velvety brown blotch, golden stripe in center. 50c. each.

Murillo.—Dark wine color, lower petals velvety red. 50c. each.

Oriflamme.—Long spike, flowers very large and open, bright lake, blotched velvety red. 50c. each.

Obelisk.—Large flowers, very open, yellow tinted salmon, maroon blotch. 25c. each.

President Grevy.—Carmine lake, purplish-scarlet blotch, yellow points of lower petals. 20c. each.

Sceptre d'Or.—Large, well formed flowers, chrome yellow, with large, black blotch. 30c. each.

Stanley.—Deep red lake, lower petals spotted crimson, marbled deep yellow. 25c. each.

Sphynx.—Vermilion blotches, purplish violet black, golden spot in lower petals. 50c.

Turenne.—Black, buff blotch, surrounded by disc of brilliant yellow. 30c. each.

Victor Hugo.—Very large, delicate aurora tints, lower divisions spotted dark purple. 25c. each.

Victor Masse.—Medium flowers, very open, rose, tinged carmine, with three large black blotches tipped corn color. 50c.

Vesuve.—Magnificent velvety purple, the entire lower petals the richest velvet shades, the center of each petal marked with a streak of yellow. 50c.

Voltaire.—Carmine, tinted violet maroon, surrounded with bright yellow. 50c. each.

W. E. Gumbleton.—Large, open flowers, purplish rose, streaked rich carmine, velvet spots with yellow border. 25c. each.

OTHER NAMED GLADIOLUS.

Addison.—Dark amaranth, white stripes. 10c. each.

Africain.—Slaty brown on scarlet ground, streaked with scarlet and white, large dense spikes. 25c. each.

Amitie.—Largest spikes and flowers in the whole collection, and one of the very finest, delicate rose, streaked with straw color, purple blotches, edges flamed light crimson. 25c. each.

Andre Leroy.—Deep cherry red, flamed and striped with darker shade, white stripe in centre of each petal. 25c. each.

Antonious.—Scarlet cherry, slightly tinged with orange, flamed carmine, pure white blotch. 10c. each.

Aurora de Feu.—Bright rose color passing to scarlet, with golden yellow centre of the freshest and most brilliant shade. 50c. each.

Brenchleyensis.—An old superb variety, bright vermilion scarlet; none of this color more showy. 10c. each.

Ceres.—White, striped with rose and purple. 10c. each.

Clemence.—Delicate satin rose, feathered carmine. 10c. each.

Charles Dickens.—Delicate rose, tinted buff, flamed and striped carmine rose. 15c. each.

Colorado.—Brilliant orange, with large white blotch. 25c. each.

Constance.—Amaranth red flame, with creamy white blotch. Dwarf plant. 25c. each.

Daubenton.—Large, well opened flowers, bright rosy lilac, passing to bright flamed carmine, white bands in centre of each petal. 25c. each.

Dictateur.—Long, compact spike of large flowers, white in centre, conspicuously flushed with carmine red, on lilac ground. 25c. each.

Didon.—White, suffused with pale lilac, lower petals pure white. 25c. each.

Eugene Scribe.—Flowers large and broad; rose, blazed with carmine red, very fine. 10c. each.

Felicien David.—Light carmine, white blotch. 15c. each.

Flavia.—Bright red, very fine. 15c. each.

Flora.—Large flowers, white ground, shaded rosy lilac, distinct, and handsome, tall grower. 25c. each.

Formosa.—Large, perfectly shaped spikes, flowers delicate, bright satiny rose, striped carmine on edges. 25c. each.

Galathea.—Blush white, with carmine blotch. 10c. each.

Geneyra.—Beautiful cherry rose color; centre pure white, small purplish carmine blotch, on straw-colored ground. 25c. each.

Ida.—White ground, tinted rose, flamed carmine rose, lower petals yellow. 15c. each.

Isaac Buchanan.—The best yellow, large and fine. 10c. each.

John Bull.—White, sometimes tinged with sulphur: a fine light variety. 10c. each.

La Candeur.—White, lightly striped carmine violet; nearly pure white, one of the handsomest. 15c. each.

LePoussin.—Light red, white ground, very pretty. 10c. each.

Leviathan.—Very tall spike of enormously large flowers of a delicate bright rose color, flamed and striped carmine, amaranth blotch on a creamy white ground. 50c. each

Lord Byron.—Brilliant scarlet, stained and ribboned with pure white. 10c. each.

Martha Washington.—A tall grower, flowers pure yellow, of large size, in a well arranged spike, lower petals tinged rose; of branching habit, some of the branches being longer than an ordinary spike of flowers; one of the most stately. 25c. each.

Mount Etna.—Flowers most brilliant velvety scarlet, slightly streaked with deeper scarlet at the edges, white band in centre of upper petal. 25c. each.

Napoleon III.—Brilliant scarlet, white stripe in centre of the petals; distinct and beautiful. 10c. each.

Nelly.—White, flamed with carmine rose, large blotch of dark carmine; very fine. 15. each.

Pepita.—Bright golden yellow flowers, slightly striped carmine at the edges of the petals. The most free flowering yellow in cultivation. 25c. each.

Princess of Wales.—White, flamed with carmine rose, delicate carmine blotch. 15c. each.

Robert Fortune.—Orange lake, shading off to purple crimson, veined white. 10c. each

Romulus.—Very brilliant dark red, large, pure white blotch, large white lines in lower petals. 15c. each.

Rosa Bonheur.—White, slightly tinged with lilac, and flamed with carmine, violet blotch. 35c. each.

Sceptre de Flore.—Very tall spike often with three branches, flowers large, with white throat, centre a carmine red star; the shade of the petals brightens to the richest rose color at the circumference; lower petals slightly blotched carmine, with a pure white band. 50c. each.

Shakespeare.—White, very slightly suffused with carmine rose. A standard sort in every collection. 20c. each.

Twelve of the above named Gladiolus, one bulb of a kind, my selection, all labelled, for $1.00; 100 named for $6.00. Free per mail.

Beside our fine named varieties, a dozen of which will embrace nearly every principal color, we have choice Hybrid Gladiolus, that have been selected from thousands of fine seedlings, and embrace nearly all colors and styles of marking. Many of these are equal to the named sorts, and this collection will give great satisfaction. Price of these fine Hybrid Seedlings, per mail, 4 bulbs for 25c., 12 bulbs for 60c., 100 bulbs for $3.00.

Gladiolus Sandersoni.—A native species, introduced from Africa in 1872, is one of the most showy and brilliant in cultivation, color bright cardinal red, with white spots that glisten like silver. A scarce and desirable variety. 25c. each.